

**FIG. 2**

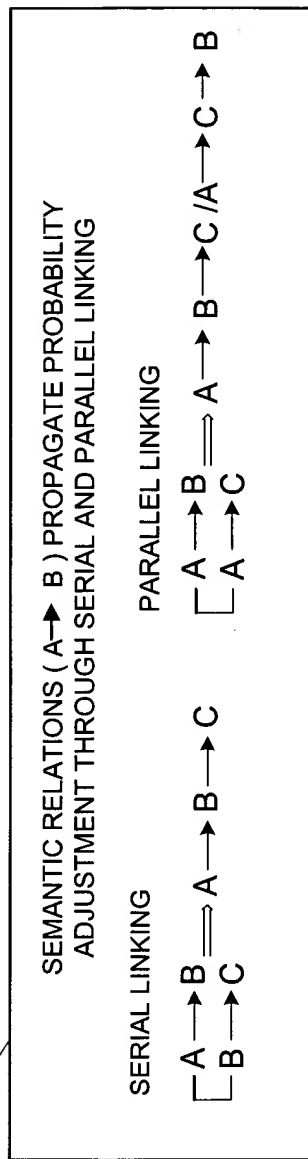
110

SEMANTIC AND SYNTACTIC KNOWLEDGE

SEMANTIC (CONCEPTUAL) RELATIONSHIP DATA		SYNTACTIC RULES
0.8	give me → weather	PHRASE → V2 pron N
...	...	...
0.9	weather → in CITY	PHRASE → prep N
0.8	weather → on DAY	PHRASE → prep IND N
0.6	waiter → FOOD	...
		...

FIG. 3

120



PROBABILITY PROPAGATION

**FIG. 4**

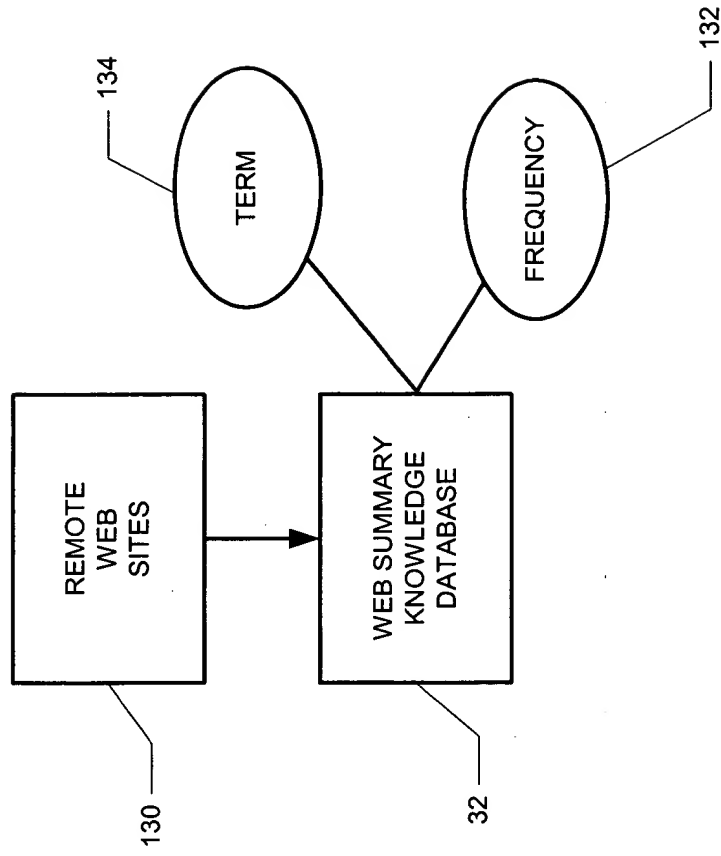
FIG. 5

36

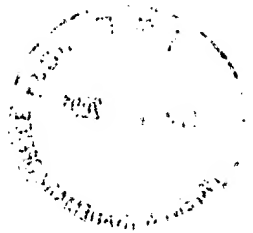


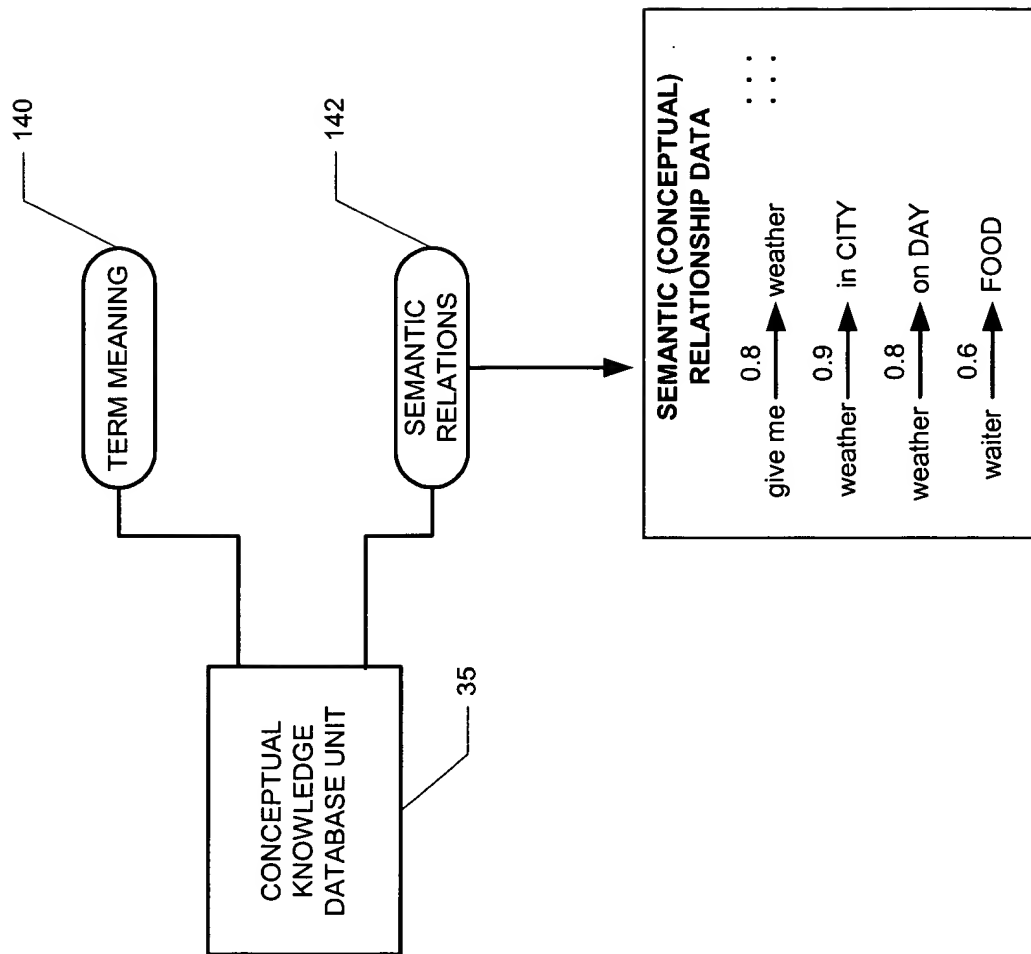
		WORDS			
		REFILL-INK	OUTDOOR	OFFENSE	OUTPUT
DOMAINS	ENTERTAINMENT	L	H	L	L
	COMPUTER PRINTERS	H	L	L	H
	LAW	L	L	H	L
	WEATHER	L	H	L	L





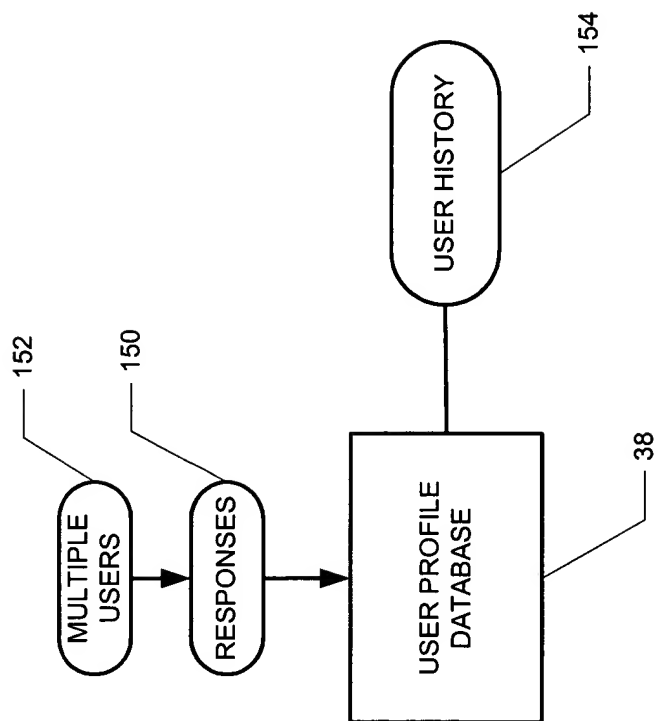
**FIG. 6**





**FIG. 7**

104260-5409860



**FIG. 8**

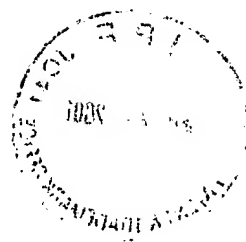
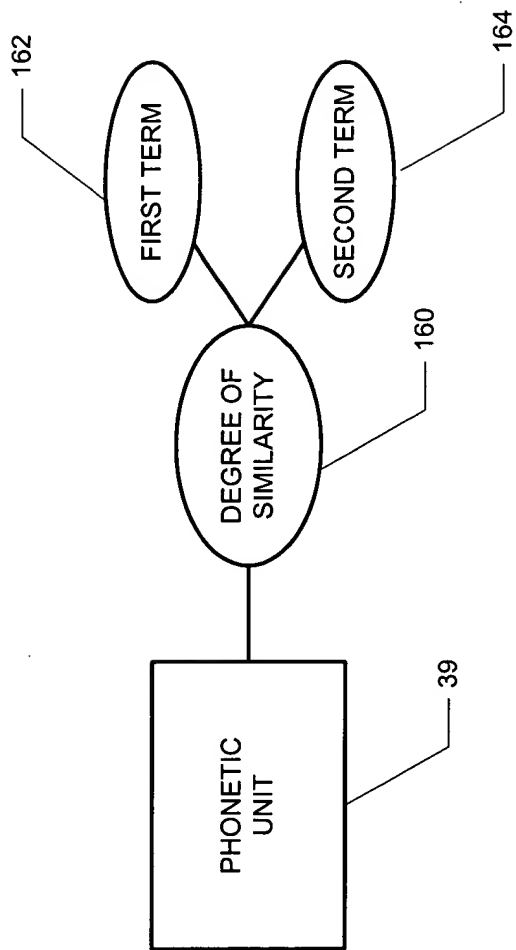




FIG. 9 is a block diagram of a system for determining a degree of similarity between two terms.



**FIG. 9**